

## Abarna\_day81

```
#include <stdio.h>
#include <string.h>

int min_operations(char *S, int N) {
    int segments = 0, i = 0;
    while (i < N) {
        while (i < N && S[i] == '0') i++;
        if (i < N) segments++;
        while (i < N && S[i] == '1') i++;
    }
    return segments > 0 ? segments - 1 : 0;
}

int main() {
    int T;
    scanf("%d", &T);
    while (T--) {
        int N;
        char S[1001];
        scanf("%d", &N);
        scanf("%s", S);
        printf("%d\n", min_operations(S, N));
    }
    return 0;
}
```